

Product datasheet

Recombinant HIV tat (mutated C31A + C34A) protein ab119447

Description

Product name	Recombinant HIV tat (mutated C31A + C34A) protein
Purity	> 90 % SDS-PAGE.
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Modifications	mutated C31A + C34A
Additional sequence information	Recombinant HIV-1 TAT Clade B It is a single, non-glycosylated, polypeptidic chain containing 86 amino acids encoded by two exons.

Specifications

Our **Abpromise guarantee** covers the use of **ab119447** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Western blot SDS-PAGE
Form	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -80°C. Constituent: 0.1% Glycerol
Reconstitution	ab119447 should be reconstituted in a pyrogenic sterile water or PBS buffer. Reconstituted protein should be used immediately.

General Info

Relevance	The transcriptional transactivator (Tat) is a key regulatory protein of HIV. It is expressed early after
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the virus integrates into the cell, and stimulates the elongation of RNA polymerase II. It binds onto a sequence known as the TAR, or transactivator response element, located at the end of the HIV genetic chain. There, the tat protein helps assemble new copies of HIV. The tat protein-TAR complex speeds up the rate of viral reproduction by about a thousand times. If it is not present, the transcription process frequently stops short, and few functional HIV particles are produced. Tat is an important potential target for antiretrovirals and vaccine development.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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